
 $^9\text{Be}(\text{He},\text{n}),(\text{He},\alpha):\text{res}$ [1963Du12](#),[1965Di06](#),[1978Bi15](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

[1963Du12](#): $^9\text{Be}(\text{He},\text{n})$ E=1.2-2.7 MeV, measured $\sigma(E, E_n, \theta)$.

[1965Di06](#): $^9\text{Be}(\text{He},\text{n})$ E=1.30 –5.35 MeV, measured $\sigma(E, E_n, \theta)$.

[1978Bi15](#): $^9\text{Be}(\text{He},\alpha)$ E=4,10 MeV, measured $\sigma(E, \theta)$; deduced reaction mechanism. ^{12}C deduced resonance at 29.3 MeV.

 ^{12}C Levels

E(level)	Γ	Comments
27.8×10^3	350 keV	E(level): From $E(\text{He}) \approx 2$ MeV (1963Du12 , 1965Di06). E(level): From (1978Bi15). The (He,n) (1966Ha21) and (He,t) (1967Ea01) excitation functions also peak near $E_x \approx 29.3$ MeV.
29.3×10^3		